

1646

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/405,735

DATE: 05/09/2000 TIME: 11:10:38

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\05092000\I405735.raw

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35				1				5)						tac	апа	219
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38	Lys	Leu	Phe	Phe	Ser	\mathtt{Trp}	Thr	Arg	Pro	He	ьeu	25	гуз	GTÅ	TÅT	nr 9	
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41	cag	cgc	ctg	gaa	ttg	tca	gac	ata	tac	caa	atc	CCL	Cor	ycc val	Acn	Ser	~~,
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43	30					35						+~~	mat.	ana	σaσ		315
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46	Ala	Asp	Asn	Leu		Glu	Lys	Leu	Ğlu	Arg 55	GIU	тър	ASP	AT 9	60	LCu	
47					50					22	~~~	a++	aaa	спа		ttt	363
49	gct	tca	aag	aaa	aat	cct	aaa	ctc	att	aat	310	Tou	120	Ara	Cve	Phe	
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53	ttc	tgg	aga	ttt	atg	ttc	tat	gga	atc	דננ	LLa	m.r.	Lea	999 Gl 17	Glu	Val	
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DATE: 05/09/2000 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/405,735 TIME: 11:10:38

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65	ggc	tta	tge	TOU	TA	u Ph	2 T1	e Va	1 A	ra	Thr	Lei	u L	eu	Leu	His	Pr	o A	.la	L	
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79		175				ga ct		+-	+~ /	702	cat	- ++	c 0	at.a	taa	ato	gc	et d	cct	t	747
81	aaa	ttt	gat	gaa	a gg	ga ct Ly Le	t go	ca L	Ly y	y Ca	His	. Dh	ie 1	Val	Tro	Ile	Á	al	Pro	o	
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85	ttg	caa	gtg	gc	a ct	to ot	c a	tg g	99	CLA	T1.	o ma	79 5	ցաց Մես	T.AII	Let	ı Gl	Ln.	Ă1	ā	
86	Leu	Gln	Va1	. Al	a Le	eu Le	u Me	et G	тÀ	ьеu	21	= 11	ъ.	GIU	БСи	200	22	20			
87					2.	10					21) - ~+		a++	acc	ctt	- t.1	t.t.	ca	q	843
89	tct	gcc	tto	t g	t g	10 ga ct	t g	gt t	tc.	ctg -	a t	1 Y	.1 1	T 011	Λla	T.e.	1 PI	ne i	G1	n	
90	Ser	Ala	Phe	е Су	s G.	ga ci ly Le	eu G	ly P	ne	Leu	11	e vo	11	ьец	AIG	235	· · ·				
91																					891
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110) va	il A	rg T	yr I	he	aat Asn	Ser	Ser	Ala	1 1	ie i	ne	PHE	3 20	51 G	י עי ז	15				
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113	3 q1	tg t	tt t	ta 1	tct	gtg	ctt	ccc	ta	t g	ca o	cta	alc.	. a	.a 9	9 a. a. 1 T	10	T14	- 1	Len	
114	ı v	al P	he L	eu s	Ser	gtg Val	Leu	Pro	тy.	L W	La !	₋eu	116	5 m	, -	19 1 30	10	**			
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191				t ag	o +a	a aa	a ct	c at	a aa	a tq	t ga	at to	t tt	c ga	ac c	aa t	tt	2091
193	s cc	a ga	.c tt	Lag	Ų (C				, ,,	,								

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255			880	) - a-1		- 201	ו ב ב	. aa	a acc	tai	t ge	a qt			acc	agc	285
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Burke

DATE: 05/09/2000 TIME: 11:10:38

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480	Ph∈	Thi	Thi	r Ile	ser	Phe	су.	, TIE	34!	5		,		350	)	
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482	Glr	1 Phe	Pro	o Trp	) Ale	l Va.	. GII	360	. <u>.</u>				365	5 -		
483			35	5	_	n.		. 61.	) 5. T.371	e G1:	n G1:	ነ ጥሆነ	^ Lvs	Thi	Leu	Glu
484	Ası			e Gli	n Asi	) PR	375	: T G T I	ı Lıy.	3 31	11 0+0	380	)			
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489					40	ם הרכי	~ 7.~·	n (1)	, Ac	n Ac	n Se	r Le	a Phe	e Phe	e Sei	: Asn
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491		_	_	42	U - 01-	. m1.	~ D~	o 1/2	4.¢ 1.T.≏	11 LV	s As	n Il	e Asi	n Ph	e Lys	s Ile
492		e Se	r Le	u ье	u GI	y Th	I PI	44		~ ~y			44	5	_	
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			•	~-F-			•									
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      586 Gly Gln Leu Ser Lys Val Met Ile Ile Glu Asn Ser His Val Lys Lys 587 1185 1190 1195 120
                                                                             1200
           Asp Asp Ile Trp Pro Ser Gly Gly Gln Met Thr Val Lys Asp Leu Thr 1205 1210 1215
E--> 587
      588
           Ala Lys Tyr Thr Glu Gly Gly Asn Ala Ile Leu Glu Asn Ile Ser Phe
      591
```

												-					
	592	Ser I	le 5	Ser :	Pro (	Gly	Gln	Arg	Val	Gly	Leu	Leu	Gly	Arg 1245	Thr	Gly	Ser
	-02	J -		1235					1240		_		T 011	T.OII	Agn	Thr	Glu
	593 594	Gly L	ys :	Ser	Thr	Leu	Leu	Ser 1255	Ala	Phe	Leu	Arg	1260	)	_1	•	Cln
	595	1	250			~1 ~	7.00	Clv	Val	Ser	Trp	Asp	Ser	Ile	Thr	Leu	320
	596	Gly G	lu	Ile	GIn	me	45P	Gry	•		-	127	5				1280
E>		1265					1270		17-1	710	Pro	Gln.	Lvs	Val	Phe	Ile	Phe
	598	1265 Gln T	'rp	Arg	Lys	Ala	Phe	GTĀ	Val	110	129	0	-			129	5
	599	Ser G				1285	5			3	Dro	Trans	Glu	Gln	Trp	Ser	Asp
	600	Ser 0	ilv	Thr	Phe	Arg	Lys	Asn	Leu	ASP	5	111	0		131	0	
	601	Gln (	-		1300	)				130	5 57~ 1	C111	T.e.11	Ara	Ser	Val	Ile
	602	G1n (	1111	Ile	Trp	Lys	Val	Ala	Asp	GIU	Val	GIY	пси	1325	5		
	603	Glu (		1315	5				132	0	1	T	1727	Acn	Glv	Gly	Cys
	604	Clu (	21 n	Phe	Pro	Gly	Lys	Leu	Asp	Phe	vai	Бец	134	^	1	-	-
		GIU	1330	)				133	5			a	T 24	งาเล	Ara	Ser	Val
	605	Val	100	Ser	His	Gly	His	Lys	Gln	Leu	. Met	Cys	Leu	ALG	11.2 5		136 O
	606	1245	цеи			_	135	0				135			λla	Hic	Leu
E>		1345	a	T 17 C	Δla	LVS	Ile	Leu	Leu	Leu	ı Asp	Glu	Pro	ser	Ala	137	Leu '5
	608	Leu	Ser	цуз	LI.	136	5				137	70	_		Clr	, גב	Phe
	609	_	D 0	17 - 1	Thr	Tyr	G1n	116	11e	Arg	g Arg	g Thi	: Let	ггах	120	1 VT	Phe .
	610	Asp	PIO	Val	138	n * 1 ~				138	35		_		133	Mot	- T.e.n
	611	_	_	a	Too	∵va1	Tle	Let	ı Cys	Gli	u His	s Ar	g Ile	Glu	LATO	i ne	Leu
	612	Ala	Asp	Cys	5	V 44.1			140	0				140	15	. cl	o Tur
	613		_	T39		Dhe	T.e.	va:	1 I1e	e Gl	u Gl	u Asi	n Ly:	s Val	Arg	3 61	n Tyr
	614	Glu	Cys	GII	G LI	Fire		14	15				14	20	_	(1)	7.1 a
	615		141	.0		. 1	. T.e.	Le	u Ası	n Gl	u Ar	g Se	r Le	u Phe	e Ar	g 61	n Ala 1440
	616	Asp	Ser	. 116	9 611	т пу-	14	30	-			14	35			_	1440
E2	617	1425	5		_		- 7 m	• 17a	1 Lv:	s Le	u Ph	e Pr	o Hi	s Ar	g As	n Se	r Ser 55
	618	Ile	Ser	Pro	seı	C AS	b WT	, va	±		14	50				14	55
	619					14	4.5	- 61	n T1	_ A1	a Al	a Le	u Ly	s Gl	u Gl	u Th	r Glu
	620	Lys	Cys	Ly:	s Se	L Ly	s rr	נט ט	11 11	14	65				14	70	
	621				14	h l i											
	622	Glu	Glu	ı Va	1 G1:	n As	p rn	T WI	g Le	80							
	623			14	75				T.4	00							

DATE: 05/09/2000 VERIFICATION SUMMARY PATENT APPLICATION: US/09/405,735 TIME: 11:10:39

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\05092000\I405735.raw

```
L:303 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:303 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:323 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:343 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:363 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:363 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:383 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:403 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:403 M:254 E: (42) Number of Bases conflicts Running Total, LENGTH:Input:1 Counted:6129
L:567 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
M:332 Repeated in SeqNo=2
```